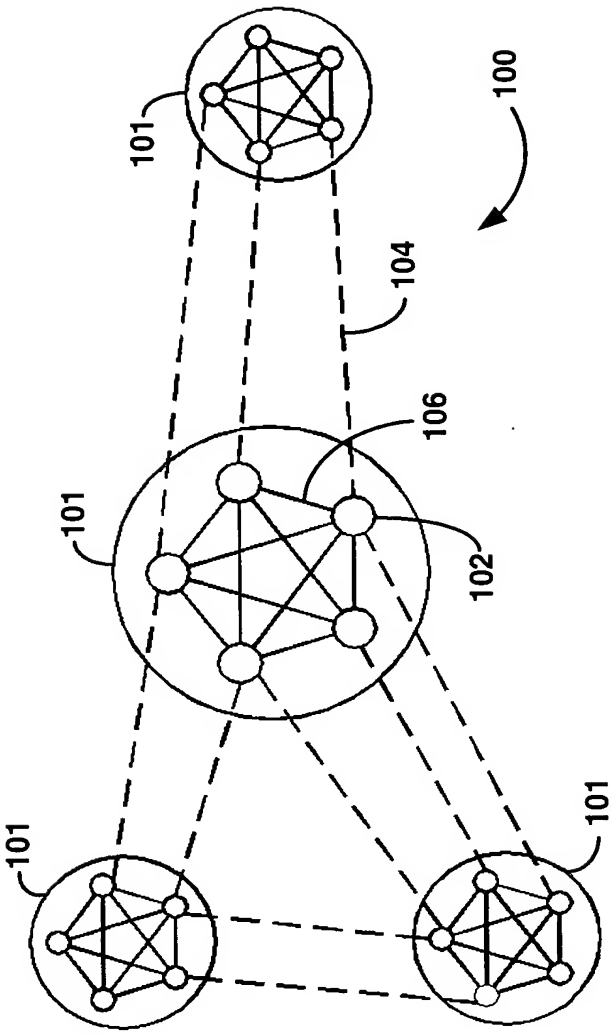


FIG. 1

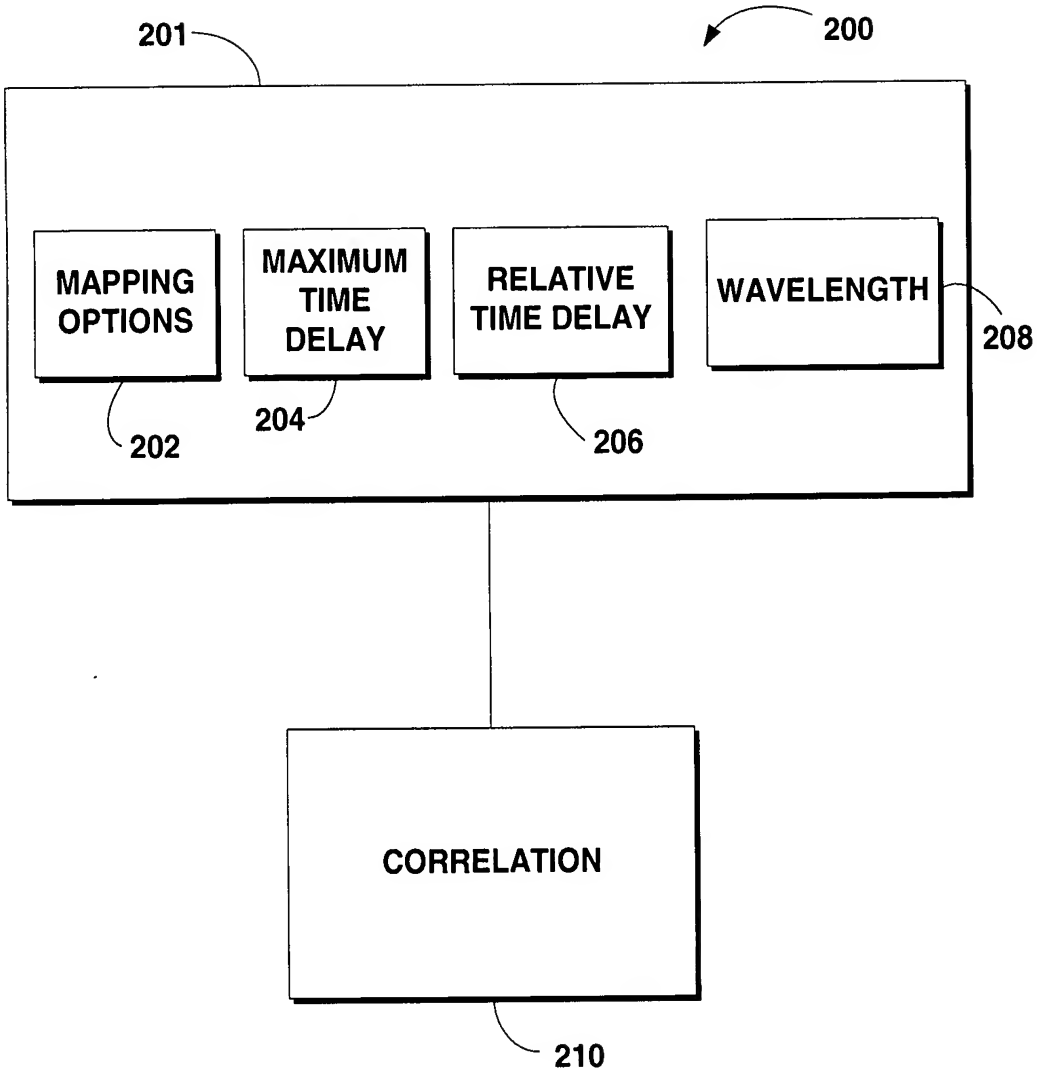

201
200
MAPPING OPTIONS
MAXIMUM TIME DELAY
RELATIVE TIME DELAY
WAVELENGTH
208
202
204
206
CORRELATION
210

FIG. 2

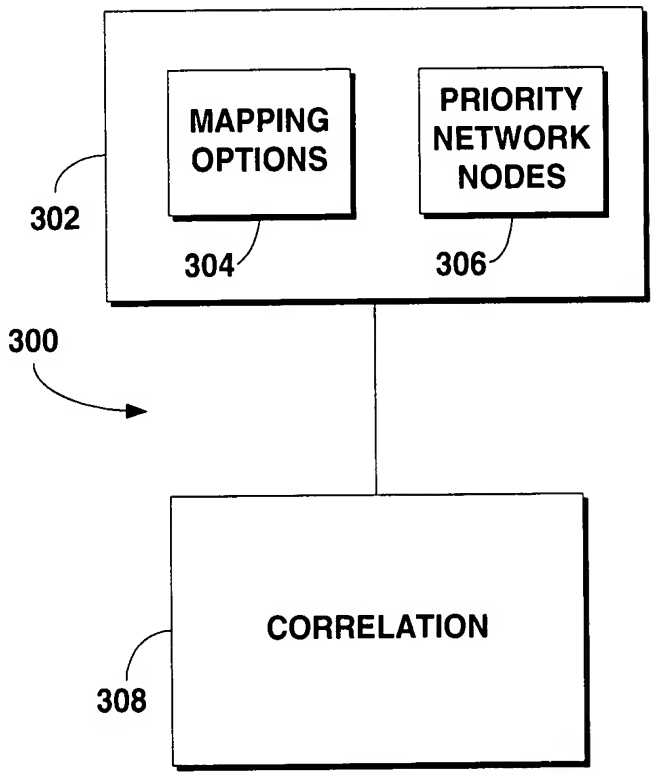

MAPPING OPTIONS
PRIORITY NETWORK NODES
302
304
306
300
CORRELATION
308

FIG. 3

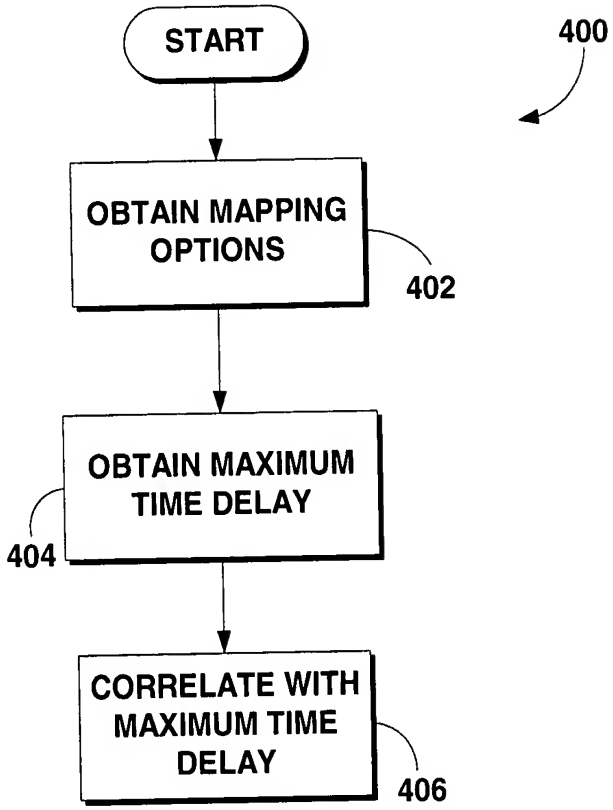

START
400
OBTAIN MAPPING OPTIONS
402
OBTAIN MAXIMUM TIME DELAY
404
CORRELATE WITH MAXIMUM TIME DELAY
406

FIG. 4

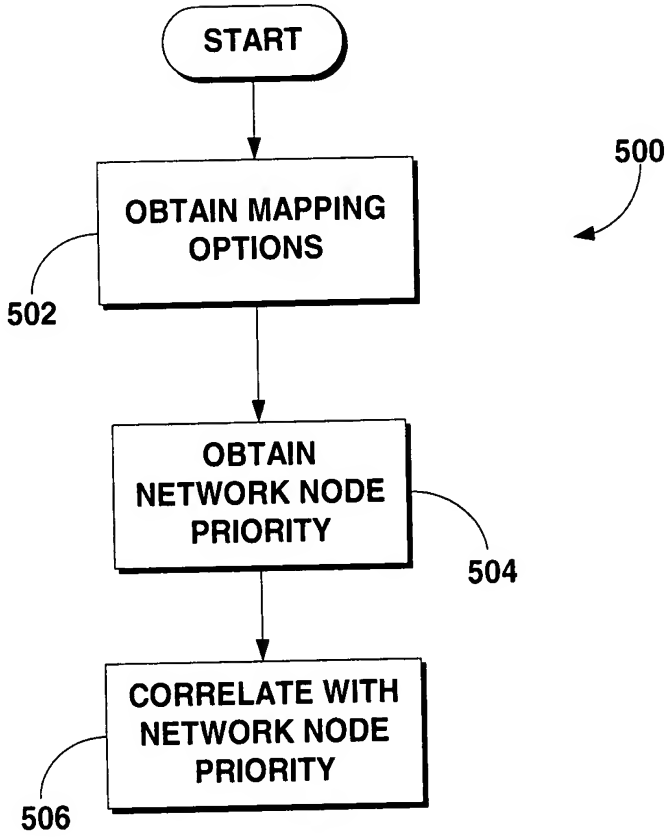

START
500
OBTAIN MAPPING OPTIONS
502
OBTAIN NETWORK NODE PRIORITY
504
CORRELATE WITH NETWORK NODE PRIORITY
506

FIG. 5

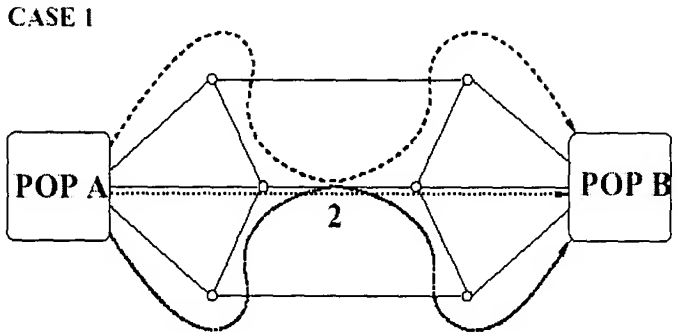


FIG. 6A

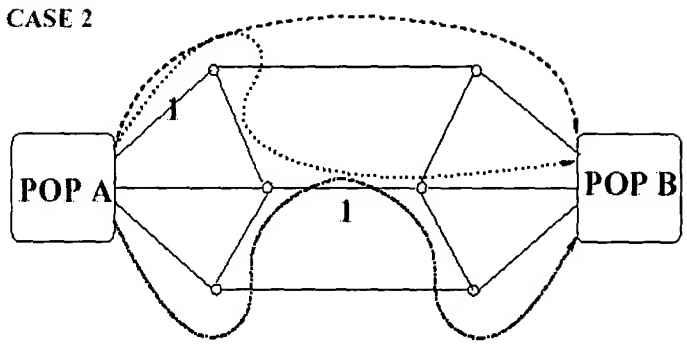


FIG. 6B

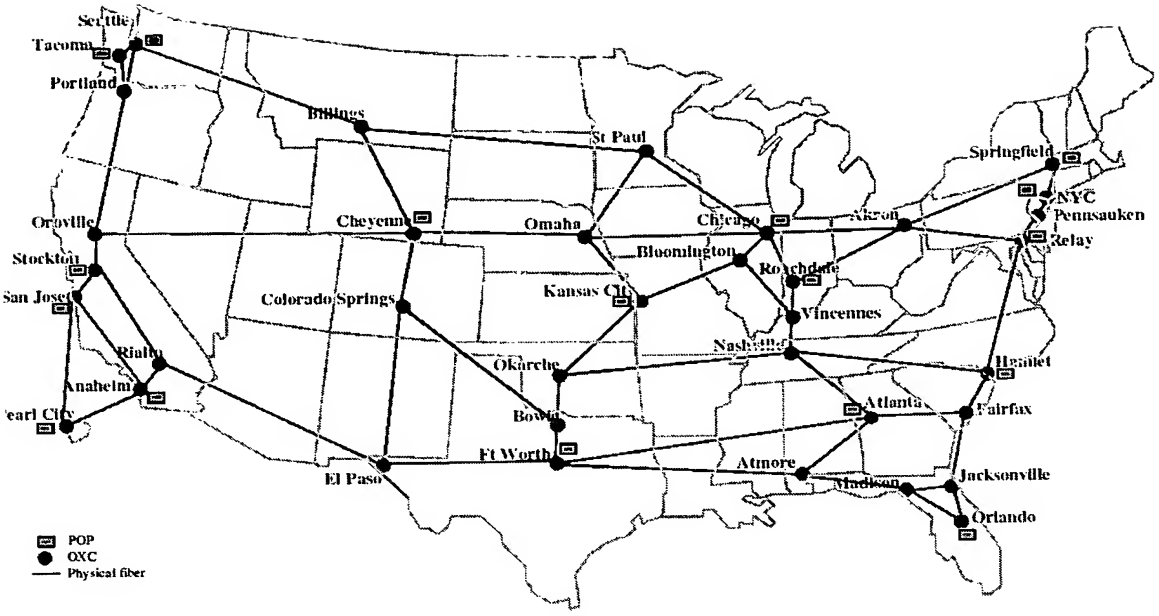

Seattle
Tacoma
Portland
Billings
St Paul
Springfield
NYC
Pennsauken
Relay
Oroville
Cheyenn
Omaha
Chicago
Akron
Stockton
Bloomington
Rochdale
San Jose
Colorado Springs
Kansas Cit
Vincennes
Nashville
Riialto
Okarche
Hamlet
Anaheim
Atlanta
Fairfax
Bowie
Ft Worth
Atmore
El Paso
Madison
Jacksonville
Orlando
POP
OXC
Physical fiber

FIG. 7

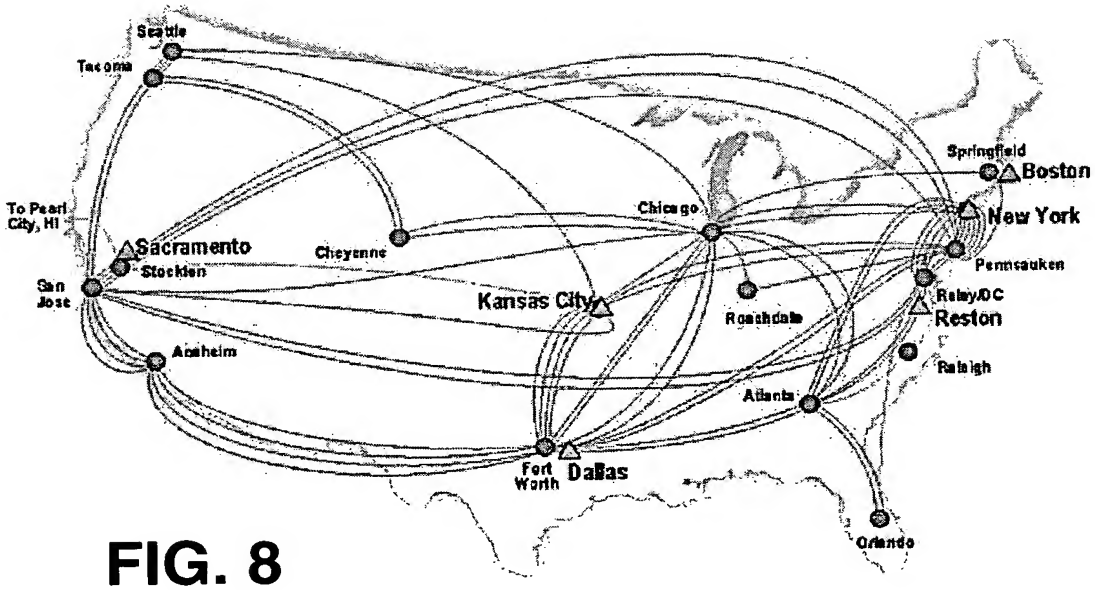

Seattle
Tacoma
Springfield
Boston
To Pearl City, HI
Chicago
New York
Sacramento
Stockton
Cheyenne
Pennsauken
San Jose
Kansas City
Roachdale
Relay/DC
Reston
Anaheim
Raleigh
Atlanta
Fort Worth
Dallas
Orlando

FIG. 8

FIG. 9A

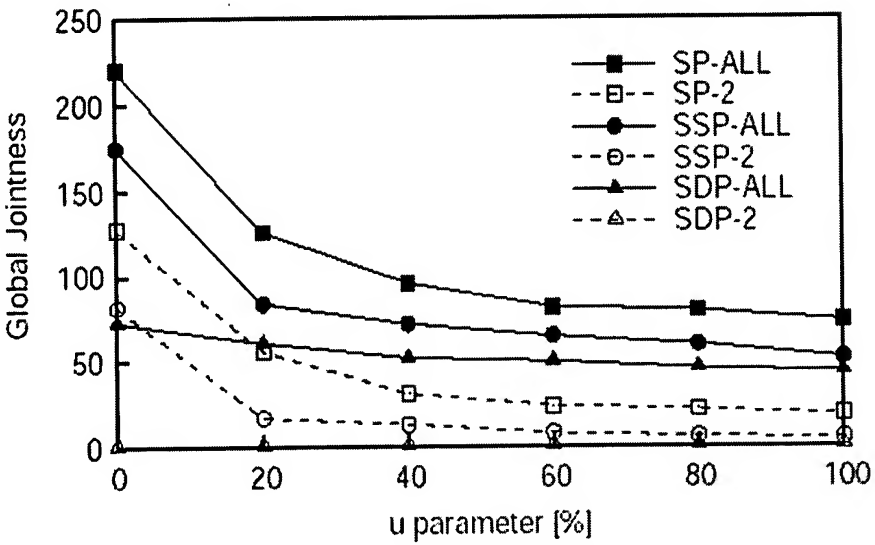
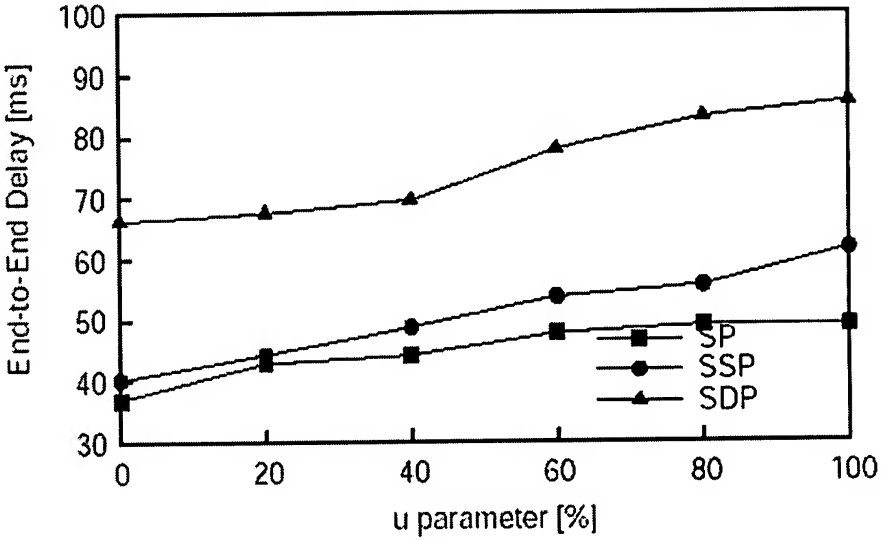


FIG. 9B



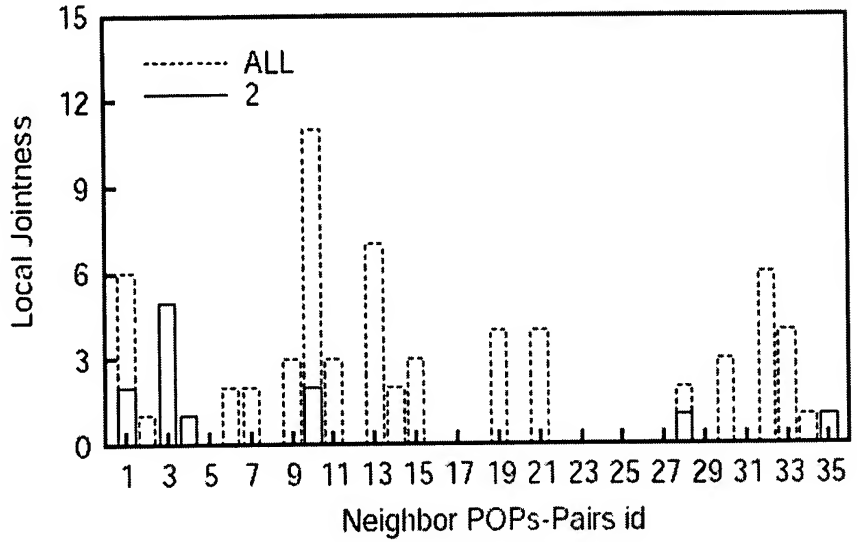


FIG. 9C

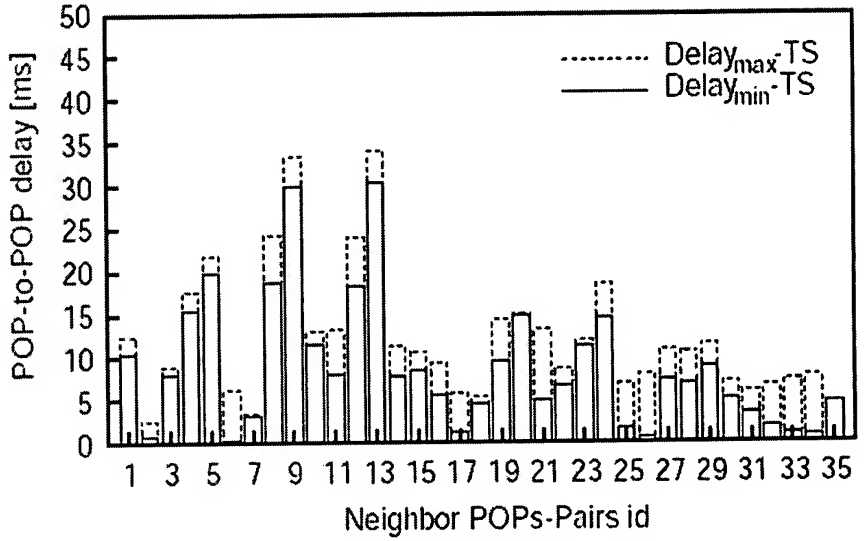


FIG. 9D

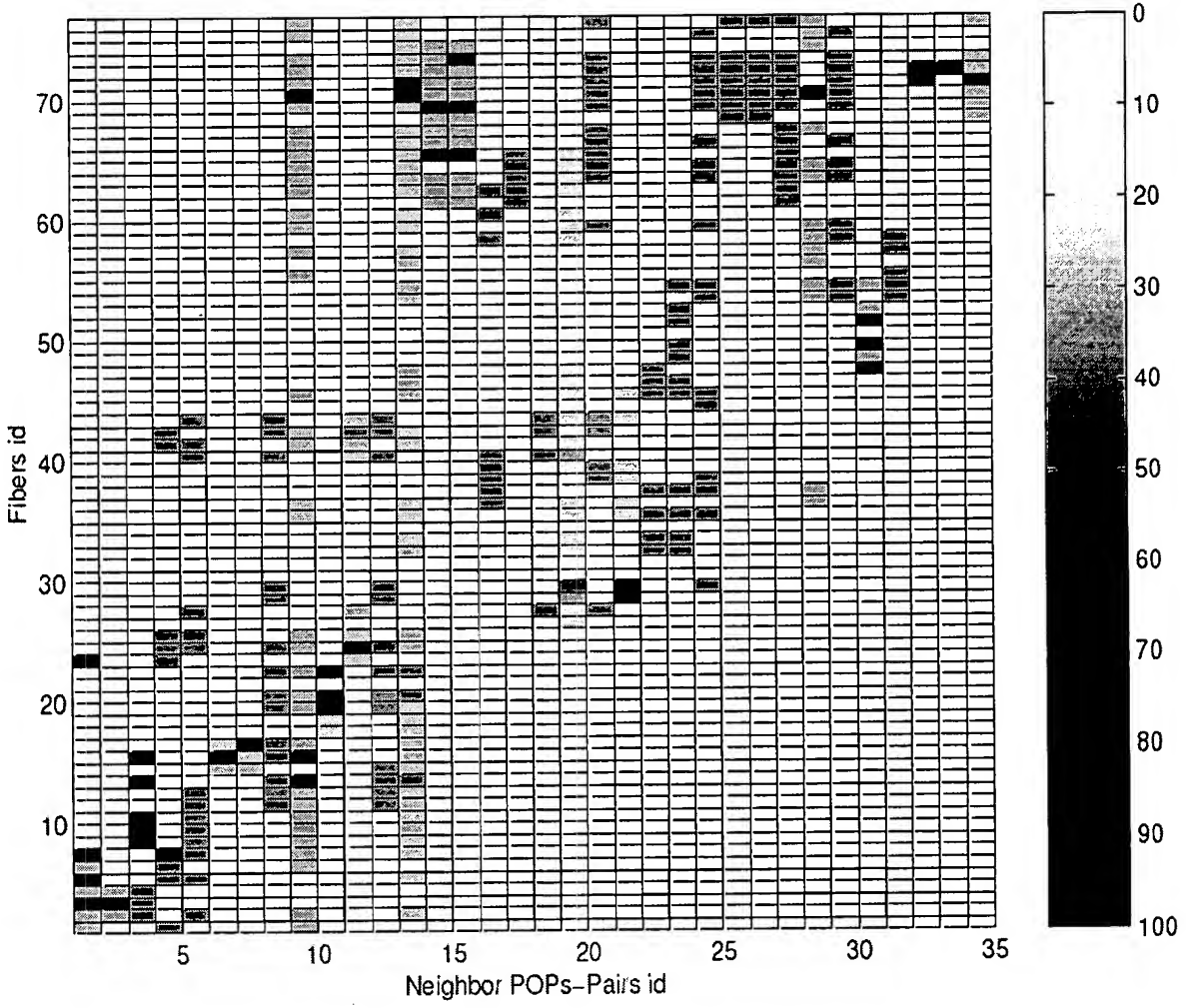

Fibers id
70
60
50
40
30
20
10
5
10
15
20
25
30
35
Neighbor POPs–Pairs id
0
10
20
30
40
50
60
70
80
90
100

FIG. 10